Form PTO 14 (Rev. 2-32)	U.S. Department Patent and Trader		Atty. Docket No. IMMR-0099C (034701-433)		Serial No. 10/615,986			
oro _≦ In	Tormation Disclosure	plicant	Applicant: Louis B. Rosenberg et al.					
CT 1.7 2001	17 [W] W (Use several sheets if necessary)			Filed: 07/10/03		Group: 2629		
e madele		U.	.S. Patent Documer	ıts				
Init.	Document No.	Date	Name		Class	Subclass	Filing Date	
/AA/	4,023,290	05/17/1977	Josephson					
	4,101,884	07/18/1978	Benton, Jr.					
	4,108,146	08/22/1978	Hall, Sr.					
	4,242,823	01/06/1981	Bruno				-	
	4,414,537	11/08/1983	Grimes		_	=	*	
	4,414,984	11/15/1983	Zarudiansky		~			
	4,550,221	10/29/1985	Mabusth					
	4,557,275	12/10/1985	Dempsey, Jr.				_	
	4,584,625	04/22/1986	Kellogg					
	4,692,756	09/08/1987	Clark					
	4,715,235	12/29/1987	Fukui et al.					
	4,757,453	07/12/1988	Nasiff		-	>		
	4,791,416	12/13/1988	Adler					
	4,821,030	04/11/1989	Batson et al.					
	4,871,992	10/03/1989	Peterson					
	5,143,505	09/01/1992	Burdea et al.					
	5,159,159	10/27/1992	Asher				1	
	5,223,658	06/29/1993	Suzuki				-	
- 	5,237,327	08/17/1993	Saitoh et al.					
	5,262,777	11/16/1993	Low et al.				1	
	5,316,017	05/31/1994	Edwards et al.					
	5,521,336	05/28/1996	Buchanan et al.				-	
1	5,562,707	10/08/1996	Prochazka et al.				1	
1	5,580,251	12/03/1996	Gilkes et al.				*	
1	5,729,249	03/17/1998	Yasutake				 	
1	5,767,457	06/16/1998	Gerpheide et al.					
1	5,828,197	10/27/1998	Martin et al.					
	5,828,364	10/27/1998	Siddiqui				_	
1	5,942,733	08/24/1999	Allen et al.					
	5,943,044	08/24/1999	Martinelli et al.				1	
Ψ^+	5,982,304	11/09/1999	Selker et al.				‡	
Examiner /Abbas Abdulselam/ (11/29/2007)					Date Considered 11/29/2007			
Examiner: In	nitial if citation considermance and not consi	ered, whether or n	ot citation is in conf	ormance v	vith MPEP 609	; Draw line the	rough citatio	

Form PTO 1449 (Rev. 2-32) U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. IMMR-0099C (034701-433)		10/615,98	Serial No. 10/615,986					
Info	ormation Disclosure	Statement by A	pplicant	Applica	nt: Louis B. I	Rosenberg et al.						
Information Disclosure Statement by Applicant (Use several sheets if necessary)					Filed: 07/10/03		Group: 2629					
		T	.S. Patent Documer	ite								
Init.	Document No.	Date	Name		Class	Subclass	Filing	Date				
/AA/	5,988,902	11/23/1999	Holehan									
/AA/	6,680,729	01/20/2004	Shahoian et al.									
/AA/	2003/0122779	07/03/2003	Martin et al.									
			Foreign Document	S								
								slation				
Init.	Document No.	Date	Name		Class	Subclass	Yes	No				
/AA/	JP6-18341	01/25/1994	Fuji Electric Company, Limited				х	ļ. <u></u>				
/AA/	JP11-299305	11/02/1999	Kubota Corporation				X					
	Other Do	cuments (Includ	ling Author, Title, l	Date. Pert	inent Pages.	etc.)						
/AA	Bolanowski, S.J	et al., "Four Cl	hannels Mediate th	e Mecha	nical Aspec	ts of Touch," J	. Acous	t. Soc.				
/AA	Am. 84 Volume 84 (5), November 1988, pp. 1680-1694. Durlach, Nathaniel I. et al., "Virtual Reality: Scientific and Technological Challenges," National Academy Press, Washington, D. C. 1995, pp. 160-205.											
/AA/	Frisken-Gibson, Sarah F. et al, "A 64-Solenoid, Four-Level Fingertip Search Display for the Blind," IEEE Transactions on Biomedical Engineering, Vol. BME-34, No. 12, December 1987, pp. 963-965.											
/AA/	Goldstein, Moise H. et al., "Tactile Aids for the Profoundly Deaf Child," 77 J. Acoust. Soc. Am 77 (1), January 1985, pp. 258-265.											
/AA	International Pre	International Preliminary Report on Patentability, PCT/US2005/036861, dated 04/11/07.										
/AA		Jackson, K. M., "Linearity of Radio-Frequency Transducers," Medical and Biological Engineering and Computer, July 1977, pp. 446-449.										
/AA/	Kaczmarek, Kurt A. et al, "Electrotactile and Vibrotactile Displays for Sensory Substitution Systems", IEEE Transactions on Biomedical Engineering, Vol. 38, No. 1, January 1991, pp. 1-16.											
/AA/	Peine, W.J., "Tactile Shape Displays for Small Scale Shape Feedback," http://www.hrl.harvard.edu/~peine/display.html, 1998, pp. 1-2.											
				· · · · · · · · · · · · · · · · · · ·								
Examiner /	Abbas Abdulselam/	(11/29/2007)			Date Cons	sidered 11/29	/2007					
Examiner: In	itial if citation consider	ered, whether or r	not citation is in conf	ormance v	with MPEP 6	09; Draw line th	rough c	itation				
it not in confo	rmance and not consi	uerea. Include a (copy of this form wil	n the next	communicat	non to applicant						

Y